

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 March 2005 (17.03.2005)

PCT

(10) International Publication Number
WO 2005/024623 A3

(51) International Patent Classification⁷: **G06F 3/033**

Manuel [ES/ES]; Maspons 1, 2o 1a, E-08012 Barcelona (ES).

(21) International Application Number:
PCT/EP2004/051939

(74) Agent: **LEADBETTER, Benedict**; Hewlett-Packard Española, S.L., Legal Dept., Avda Graells, 501, E-08174 Sant Cugat del Valles (ES).

(22) International Filing Date: 27 August 2004 (27.08.2004)

(25) Filing Language: English

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
0321166.1 10 September 2003 (10.09.2003) GB

(71) Applicant (*for all designated States except US*):
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; Legal dept., 20555 S.H. 249, Houston, Texas 77070 (US).

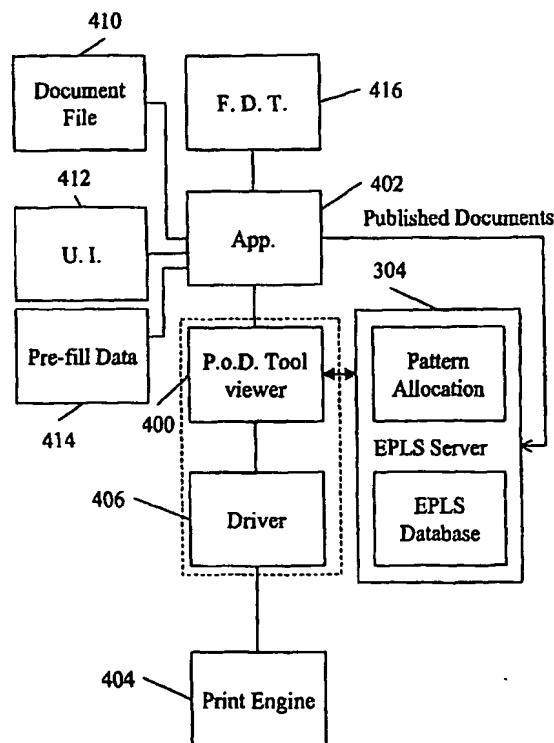
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **GONZALEZ,**

[Continued on next page]

(54) Title: PRINTING DIGITAL DOCUMENTS



(57) Abstract: A method of printing a digital document comprises providing a first document for printing, the first document comprising at least one functional area in which pattern markings are to be printed, generating from the first document a second document in which at least one of the shape and or size and or location of the at least one functional area is modified, obtaining a portion of pattern to fit the modified functional area; and printing the second document. The modification may be performed at print time after the first document has been designed and published within a digital document processing system. An apparatus for processing a digital document is also provided.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
28 April 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.